## CLAIMS

- 1. A composition for inducing specific B cell anergy to an immunogen implicated in an antibody-mediated pathology comprising a conjugate of a nonimmunogenic valency platform molecule and at least one analog of the immunogen wherein (a) the analog binds specifically to B cells to which the immunogen binds specifically and (b) the conjugate lacks a T cell epitope.
- 2. The composition of claim 1 wherein the immunogen is an external immunogen.
- 3. The composition of claim 2 wherein the external immunogen is a biological drug, an allergen or a D immunogen associated with Rh hemolytic disease.
- 4. The composition of claim 1 wherein the immunogen is a self-immunogen.
- 5. The composition of claim 4 wherein the self immunogen is that associated with thyroiditis, diabetes, stroke, male infertility, myasthenia gravis, or rheumatic fever.
- 6. The composition of claim 1 wherein the immunogen and analog are of the same chemical class.
  - 7. The composition of claim 6 wherein the immunogen and the analog are polypeptides.
  - 8. The composition of claim 1 wherein the immunogen and the analog are of different chemical classes.
- 9. The composition of claim 1 wherein the valency platform molecule is a polymer.

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- 10. The composition of claim 9 wherein the polymer is a copolymer of  $\underline{D}$ -lysine and  $\underline{D}$ -glutamic acid.
- 11. The composition of claim 9 wherein the polymer is polyethylene glycol.
  - 12. The composition of claim 9 wherein the polymer is triethylene glycol.
- 13. The composition of claim 1 wherein the valency platform molecule has three to eight attachment sites.
  - 14. A pharmaceutical composition for treating an antibody-mediated pathology comprising a therapeutically effective amount of the conjugate of claim 1 combined with a pharmaceutically acceptable carrier.
  - 15. A method of inducing specific B cell anergy to an immunogen in an individual comprising administering to the individual an effective amount of the composition of claim 1.
  - 16. A method of treating an individual for an antibodymediated pathology in which undesired antibodies are produced in response to an immunogen comprising administering a therapeutically effective amount of the composition of claim 1 to the individual.
- specific B cell anergy to an immunogen implicated in an antibody-mediated pathology, the conjugate comprising a nonimmunogenic biologically stable valency platform molecule and an analog of the immunogen wherein (i) the analog binds specifically to B cells to which the immunogen binds specifically and (ii) the conjugate lacks a T cell epitope, comprising the steps of:

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- (a) covalently bonding the analog of the immunogen lacking T cell epitopes to a nonimmunogenic valency platform molecule to form a conjugate; and
- (b) separating the conjugate from the reaction
  5 mixture.
  - 18. The method of claim 17 wherein the immunogen is an external immunogen.
- 19. The method of claim 18 wherein the external immunogen is a biological drug or an allergen.
  - 20. The method of claim 17 wherein the immunogen is a self-immunogen.
  - 21. The method of claim 20 wherein the self-immunogen is that associated with thyroiditis, diabetes, stroke, male infertility, myasthenia gravis, rheumatic fever, or Rh hemolytic disease.
  - 22. The method of claim 17 wherein the immunogen and analog are of the same chemical class.
  - 23. The method of claim 22 wherein the immunogen and 25 analog are polypeptides.
    - 24. The method of claim 17 wherein the immunogen and analog are of different chemical classes.
  - 30 25. The method of claim 17 wherein the polymer is a copolymer of  $\underline{d}$ -lysine and  $\underline{D}$ -glutamic acid.
    - 26. The method of claim 17 wherein the polymer is a polyethylene glycol.

- 27. A method for making a composition useful for inducing specific B cell anergy to an immunogen implicated in an antibody-mediated pathology, the composition comprising a pharmaceutically acceptable vehicle and a conjugate of a nonimmunogenic biologically stable valency platform molecule and an analog of the immunogen wherein (i) the analog binds specifically to B cells to which the immunogen binds specifically and (ii) the conjugate lacks a T cell epitope, comprising the steps of:
  - (a) covalently bonding the analog of the immunogen to a nonimmunogenic polymer to form a conjugate;
- (b) separating the conjugate from the reaction mixture; and
- (c) combining the conjugate with a pharmaceutically acceptable vehicle.

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